PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



A1	(11) International Publication Number: WO 00/2439
A1	(42) T. 4
	(43) International Publication Date: 4 May 2000 (04.05.00
9/0800 2.10.99 EI	BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GI GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KC, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MI MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SC SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SI SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DI
2.	.10.99) EP

(54) Title: NEW USE OF GLUTAMATE ANTAGONISTS FOR THE TREATMENT OF CANCER

(57) Abstract

New use of glutamate antagonists (NMDA, AMPA and kainate receptor antagonists) and their physiologically compatible salts for the preparation of drugs for treatment of cancer is described. New therapies can be devised based upon a demonstration of the role of glutamate in the pathogenesis of cancer. Inhibitors of the interaction of glutamate with the AMPA, kainate, or NMDA receptor complexes are likely to be useful in treating cancer and can be formulated as pharmaceutical compositions. They can be identified by appropriate screens.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Togo
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Tajikistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkmenistan
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Turkey
BJ	Benin	IE	Treland	MN	Mongolia		Trinidad and Tobago
BR	Brazil	IL	Israel	MR	Mauritania	UA	Ukraine
BY	Belarus	18	Iceland	MW	Malawi	UG	Uganda
CA	Canada	IT	Italy	MX	Mexico	US	United States of America
CF	Central African Republic	JP	Japan	NE	Niger	UZ	Uzbekistan
CG	Congo	KE	Kenya	NL	Netherlands	VN	Viet Nam
CH	Switzerland	KG	Kyrgyzstan	NO		YU	Yugoslavia
CI	Côte d'Ivoire	KP	Democratic People's	NZ	Norway New Zealand	ZW	Zimbabwe
CM	Cameroon		Republic of Korea	PL			
CN	China	KR	Republic of Korea	PT	Poland		
CU	Cuba	KZ	Kazaksian	RO	Portugal		
CZ	Czech Republic	LC	Saint Lucia	RU	Romania		
DE	Germany	LI	Liechtenstein		Russian Federation		
DK	Denmark	LK	Sri Lanka	SD	Sudan		
EE	Estonia	LR	Liberia	SE	Sweden		
		LK	Liberta	SG	Singapore		